STATE OF UTAH

						DEPARTMENT DIVISION O						А	AMENDED REPO	RT 🗾		
APPLICATION FOR PERMIT TO DRILL											1. WELL NAME and NUMBER Three Rivers 16-41-820					
2. TYPE OF WORK DRILL NEW WELL (REENTER P&A WELL) DEEPEN WELL (3. FIELD OR WILDCAT UNDESIGNATED					
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO											5. UNIT or COMMUNITIZATION AGREEMENT NAME					
6. NAME OF OPERATOR AXIA ENERGY LLC											7. OPERATOR PHONE 720 746-5200					
8. ADDRI	SS OF OPERA						9. OPERATOR E-MAIL									
1430 Larimer Ste 400, Denver, CO, 80202 10. MINERAL LEASE NUMBER 11. MINERAL OWNERSHIP											rsatre@axiaenergy.com 12. SURFACE OWNERSHIP					
(FEDERA	L, INDIAN, OI	R STATE) ML-49319		FEDERAL INDIAN STATE FEE							FEDERAL INDIAN STATE 📵 FEE					
13. NAMI	OF SURFACE	OWNER (if box 1							14. SURFACE OWNER PHONE (if box 12 = 'fee')							
15. ADDF	RESS OF SURF	ACE OWNER (if b		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')												
17. INDIAN ALLOTTEE OR TRIBE NAME						18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS						19. SLANT				
(if box 12 = 'INDIAN')					YES			ngling Application) NO 📵			VERTICAL DIRECTIONAL HORIZONTAL				ITAL 🔵	
20. LOCATION OF WELL					OTAG	GES QT		R-QTR	SECTION		TOWNSHIP		RANGE	RANGE MERID		
LOCATION AT SURFACE					660 FNL 660 FEL			NENE	16	16		20.0 E		S		
Top of Uppermost Producing Zone					NL 66	50 FEL	N	NENE	16	16 8.0		;	20.0 E	20.0 E S		
At Total Depth					660 FNL 660 FEL			NENE	16	16 8.0 S		,	20.0 E	20.0 E S		
21. COUN	ITY	22. DISTANCE TO NEARES			T LEASE LINE (Feet) 60			23. NUMBER OF ACRES IN DRILLING UNIT								
25. DISTANCE TO NEARES (Applied For Drilling or Co											26. PROPOSED DEPTH MD: 8477 TVD: 8477					
27. ELEV	ATION - GRO		28. BOND NUMBER							29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-2262 - RNI at Green River						
4741						LPM9046682 Hole, Casing, and Cement Information						49-2262 -	RNI at Green i	River		
String	Hole Size Casing Size Length W			We	eight Grade & Thread			Max Mud Wt.			Cemen	Sacks	Sacks Yield Weight			
SURF	12.25	9.625	0 - 900	3	36.0 J-55		T&C 8.7				Class G		340	1.17	15.8	
PROD	7.875	5.5	0 - 8477	7 17.0 N-80 L		N-80 LT8	&C	9.2		Premium Lite Hi				3.38	11.0	
										Prem	num Lite Hig	ın Strengti	h 1000	1.97	13.0	
						AT	ТАСН	MENTS								
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES																
WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER								COMPLETE DRILLING PLAN								
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)								FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER								
рт	RECTIONAL S		▼ TOPOGRAPHICAL MAP													
DRILLED								торо	GRAPHICA	L MAI	,					
NAME D	on Hamilton		FITLE Permitting Agent (Buys & Assoc				ciates, Inc)				PHONE 435 719-2018					
SIGNAT	URE		ı	DATE 10/07/2011								EMAIL sta	arpoint@etv.ne	t		
API NUMBER ASSIGNED 43047521100000					APPROVAL											
									Pe	ermit	Manager					

AXIA ENERGY T8S, R20E, S.L.B.&M. Well location, THREE RIVERS #16-41-820, located as shown in the NE 1/4 NE 1/4 of Section 16, T8S, R20E, S.L.B.&M., Uintah County, Utah. Alum. Cap 0.5' High On 5/8" Rebar Set BASIS OF ELEVATION N89°11'21"E - 2612.52' (Meas.) N86°58'21"E - 2732.59' (Meas.) Marked Stone Set Marked BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION Stone 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, 0.6' High QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID 660' THREE RIVERS #16-41-820 ELEVATION IS MARKED AS BEING 4942 FEET. Elev. Ungraded Ground = 4741' BASIS OF BEARINGS BASIS OF BEARINGS IS A G.P.S. OBSERVATION. 5310.89' (Meas. LOT 3 C.C. Alum. Cap 0.5' High Collar of Stone Q110 16 605.42 (Meas., Meds.) DIAN TREATY BOUNDARY S01.05'55"E Mile Marker #1 LOT 4 SCALE CERTIFICATE THIS IS TO CERTIFY THAT THE ABOVEPLAT WAS PREPARED FIELD NOTES OF ACTUAL SURVEYS PROPERTY OF UNDER 2501.40° (G.L.O.) SUPERVISION AND THAT THE SAME TRUE BEST OF MY KNOWLEDGE AND BELEE LOT 5 Steel UINTAH ENGINEERING & LAND SURVEYING S89°11'44"W - 2645.13' (Meas.) WEST Set Marked Stone 85 SOUTH 200 EAST - VERNAL, UTAH 84078 1386.0' (G.L.O.) 1.0' High (435) 789-1017(NAD 83) LEGEND: DATE SURVEYED: SCALE DATE DRAWN: LATITUDE = $40^{\circ}07'41.13''$ (40.128092) 1" = 1000'09-06-11 09 - 14 - 11LONGITUDE = $109^{\circ}39'58.55''$ (109.666264) 90° SYMBOL REFERENCES PARTY (NAD 27) M.A. S.W. C.A.G. G.L.O. PLAT PROPOSED WELL HEAD. LATITUDE = $40^{\circ}07'41.26''$ (40.128128) WEATHER FILE LONGITUDE = $109^{\circ}39'56.05''$ (109.665569) = SECTION CORNERS LOCATED. WARM AXIA ENERGY